

LAHIVE
&
COCKFIELD
LLP

COUNSELLORS AT LAW
28 STATE STREET
BOSTON, MASSACHUSETTS 02109-1784
TELEPHONE (617) 227-7400
FAX (617) 742-4214
lc@lahive.com

JOHN A. LAHIVE JR. (1928-1997)
THOMAS V. SMURZYNSKI
RALPH A. LOREN
GIULIO A. DECONTI JR.
ANN LAMPORT HAMMITTE
ELIZABETH A. HANLEY
AMY BAKER MANDRAGOURAS
ANTHONY A. LAURENTANO
KEVIN J. CANNING
JANE E. REMILLARD
DEANN FORAN SMITH
PETER C. LAURO
JEANNE M. DIGIORGIO
DEBRA J. MILASINIC, Ph.D.
DAVID J. RIKKERS
DAVID R. BURNS
JOHN S. CURRAN
SEAN D. DETWEILER

CYNTHIA L. KANIK, Ph.D.
MEGAN E. WILLIAMS, Ph.D.
RICHANAND
MICHAEL PHILLIPPS
LISA M. DIROCCO
HATHAWAY P. RUSSELL
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.
PETER A. DIMATTIA
VINCENT P. LOCCISANO
MERIDETH C. ARNOLD

SENIOR COUNSEL
JAMES E. COCKFIELD

OF COUNSEL
JEREMIAH LYNCH
WILLIAM A. SCOFIELD JR.
SIBLEY P. REPERT

PATENT AGENTS
THEODORE R. WEST
SHAYNE Y. HUFF, Ph.D.
DANIEL B. KO

TECHNICAL SPECIALISTS
CYNTHIA M. SOROOS
PETER W. DINI, Ph.D.
EUIHOON LEE
JENNIFER K. ROSENFELD
ALLAN TAMESHTIT, Ph.D.
CATHERINE E. McPHERSON
ERIC F. WAGNER, Ph.D.
SHAHID HASAN, Ph.D.
JACOB G. WEINTRAUB
JONATHAN M. SPARKS, Ph.D.
CRISTIN E. HOWLEY, Ph.D.

* Admitted in NY only
** Admitted in TX only

February 22, 2002

Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, D.C. 20231

RECEIVED

MAR 14 2002

TECH CENTER 1600/2900

Re: U.S. Patent Application Serial No. 09/529,205
Title: HUMAN PROTEIN HAVING TRANSMEMBRANE DOMAINS
AND DNA ENCODING THE PROTEIN (*As Amended*)
Inventors: Seishi Kato et al.
Filed: August 21, 2000
Attorney's Docket No.: GIN-6712CPUS

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Request For Correction of Filing Receipt (1 page);
2. Copy of Filing Receipt with the changes noted thereon (2 pages); and
3. A Pre-Paid Acknowledgement Postcard.

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. For this purpose, a duplicate of this sheet is enclosed.

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an

envelope and labeled for First Class Mailing by Postmark (37 CFR 1.8(a))

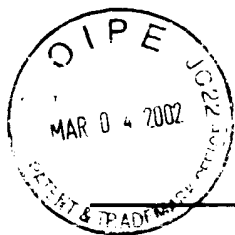
February 22, 2002
Date

Cynthia L. Kanik, Ph.D., Reg. No. 37,320
Attorney for Applicants

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Cynthia L. Kanik, Ph.D.
Reg. No. 37,320
Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Seishi Kato et al.

Serial No.: 09/529,205

Filed: August 21, 2000

For: A HUMAN PROTEIN HAVING
TRANSMEMBRANE DOMAINS AND DNA
ENCODING THE PROTEIN (*As Amended*)

Attorney Docket No.: GIN-6712CPUS

Group Art Unit: 1647

Examiner:

RECEIVED

MAR 13 2002

TECH CENTER 1600/2900

Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, D.C. 20231

REQUEST FOR CORRECTION OF FILING RECEIPT

Dear Sir:

The corrected Filing Receipt for the above-identified patent application incorrectly lists the title as "Human Protein With Transmembrane Domains and DNA Encoding The Protein" instead of "A Human Protein With Transmembrane Domains and DNA Encoding The Protein."

A copy of the Filing Receipt with the changes noted thereon is submitted herewith.

Applicants respectfully request a corrected Filing Receipt.

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Office of Initial Patent Examination, Customer Service Center, Washington, DC 20231 on:

February 22, 2002

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Cynthia L. Kamm, Ph.D., Reg. No. 5,123,456



UNITED STATES PATENT AND TRADEMARK OFFICE

FILE COPY

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20523
www.uspto.gov

| APPLICATION NUMBER | FILING DATE | FIRST NAMED APPLICANT | ATTY DOCKET NO. / TITLE |
|--------------------|-------------|-----------------------|-------------------------|
| 09 529,205 | 08 21 2000 | Seishi Kato | GIN-6712CPUS |

RECEIVED

MAR 13 2002

TECH CENTER 1600 2600

CONFIRMATION NO. 9088



OC000000007606881

Amy E Mandragouras Esq
Lahive & Cockfield
28 State Street
Boston, MA 02109

Date Mailed: 03/08/2002

RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Title of Invention

In response to your request for a corrected Filing Receipt, the Office is unable to comply with your request because:

- ☐ The articles such as "a," "an", and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- ☐ The words "new," "improvement," "improvements in", or "relating to" are not included as the first words in the title of an application because a patent application is, by nature, a new idea or improvement. See MPEP 606.01.
- ☐ The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- ☐ Superscript and subscript are not possible. They will appear on the same line.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231

A copy of this notice MUST be returned with the reply.

Initial Patent Examination Division (09-529,205)
03/08/2002

PART 3 - OFFICE COPY



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|----------------|----------|------------|------------|
| 09/529,205 | 08/21/2000 | 1647 | 2298 | GIN-6712CPUS | 10 | 11 | 2 |

CONFIRMATION NO. 9088

CORRECTED FILING RECEIPT



OC000000007347621

Amy E Mandragouras Esq
Lahive & Cockfield
28 State Street
Boston, MA 02109

RECEIVED
MAR 13 2002
TECH CENTER 1600.2900

Date Mailed: 01/23/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Seishi Kato, Kanagawa, JAPAN;
Tomoko Kimura, Kanagawa, JAPAN;
Shingo Sekine, Saitama, JAPAN;
Midori Kobayashi, Kanagawa, JAPAN;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/JP98/04475 10/05/1998

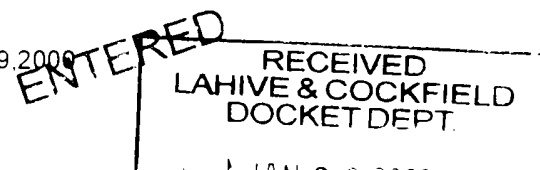
Foreign Applications

JAPAN 9/276271 10/08/1997

If Required, Foreign Filing License Granted 09/07/2000

Projected Publication Date: Not Applicable, filed prior to November 29, 2000

Non-Publication Request: No



Title

HUMAN PROTEIN WITH TRANSMEMBRANE DOMAINS AND DNA ENCODING THE PROTEIN

Preliminary Class

514



**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

RECEIVED

MAR 13 2002

TECH CENTER 1600/2900

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).